

ABSTRACT OF THE DISCLOSURE

A single focus lens includes, in order from the object side: a glass first lens component of positive refractive power and with a convex surface on the object side; a diaphragm stop; a second lens component of plastic, a meniscus shape with its concave surface on the object side, and which includes at least one aspheric surface; and a third lens component of plastic, a meniscus shape with its convex surface on the object side, and which includes two aspheric surfaces. Each lens component may consist of a single lens element. Specified conditions are satisfied in order to reduce aberrations, to insure that the light rays at the image plane are substantially orthogonal to the image plane, and to insure that a sufficient back focus is provided so as to enable the insertion of other optical elements.